

IAPY Rec'd PTO/PTO 25 APR 2006

FORM PTO-1390
(REV 10-2003)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

DATE: APR 25 2006

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 USC § 371**

ATTORNEY DOCKET NUMBER

59017US005

U.S. APPLICATION NO.

(if known, see 37 CFR § 1.15) **10/577185**

INTERNATIONAL APPLICATION NO. PCT/US2004/033983	INTERNATIONAL FILING DATE 13/10/2004	PRIORITY DATE CLAIMED 28/10/2003
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TITLE OF INVENTION
LIQUID TRANSPORT FILM
APPLICANT(S) FOR DO/EO/US

Naoyuki TORIUMI, Ayumi KOORIYAMA, Toshihiro SUWA, Jiro HATTORI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 USC § 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC § 371.
3. This is an express request to begin national examination procedures (35 USC § 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected (Article 31).
5. A copy of the International Application as filed (35 USC § 371(c)(2)).
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US)
6. An English language translation of the International Application as filed (35 USC § 371(c)(2)).
 - a. is attached hereto
 - b. has been previously submitted under 35 USC § 154(d)(4)
7. Amendments to the claims of the International Application under PCT Article 19 (35 USC § 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau
 - c. have not been made; however, the time limit for making such amendments has NOT expired
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 USC § 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 USC § 371 (c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC §§ 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR §§ 1.97 and 1.98.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR § 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR §§ 1.821 – 1.825.
18. A second copy of the published international application under 35 USC § 154(d)(4).
19. A second copy of the English language translation of the international application under 35 USC § 154(d)(4).
20. Other items or information:

Filing of Papers and Fees by Express Mailing

Pursuant to 37 CFR § 1.10, this application and the documents and fees listed on this transmittal letter are being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Date of Deposit

APR 25 2006

Express Mail Label No.

EV 701776126 US

EV701776126US

 Customer Number for
Correspondence Address:
32692

U.S. APPLN. NO. (if known; see 37 CFR § 1.5): 10/157716S		INTERNATIONAL APPN. NO.: PCT/US2004/033983		ATTORNEY'S DOCKET NO.: 59017US005																																																																																																			
The following fees are submitted:				Calculations	PTO Use Only																																																																																																		
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....\$300				\$300																																																																																																			
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations.....\$200				0																																																																																																			
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0				0																																																																																																			
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100																																																																																																							
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400 All other situations.....\$500																																																																																																							
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<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium) The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																																																																																							
<table border="1"> <thead> <tr> <th>SHEET CALCULATION</th> <th colspan="2">NUMBER FILED</th> <th>EXTRA</th> <th>RATE</th> <th>Fees</th> </tr> </thead> <tbody> <tr> <td>Size Fee for each add'l 50 sheets of appln. over 100</td> <td>16</td> <td>-100</td> <td>0</td> <td>\$250.00</td> <td>\$0.00</td> </tr> <tr> <td colspan="5">Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR § 1.492(e)).</td> <td>\$0.00</td> </tr> <tr> <th>CLAIMS</th> <th colspan="2">NUMBER FILED</th> <th>EXTRA</th> <th>RATE</th> <th>Fees</th> </tr> <tr> <td>Total claims</td> <td>6</td> <td>- 20 =</td> <td>0</td> <td>x \$50.00</td> <td>\$0.00</td> </tr> <tr> <td>Independent claims</td> <td>1</td> <td>- 3 =</td> <td>0</td> <td>x \$200.00</td> <td>\$0.00</td> </tr> <tr> <td colspan="5">Add'l fee for one or more multiple dependent claims</td> <td>\$360.00</td> </tr> <tr> <td colspan="5">Total Amount Due</td> <td>\$0.00</td> <td>\$300.00</td> </tr> <tr> <td colspan="6"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR § 1.27. The fees indicated above are reduced by 1/2.</td> </tr> <tr> <td colspan="5">SUBTOTAL =</td> <td>\$0.00</td> <td>\$300.00</td> </tr> <tr> <td colspan="6">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR § 1.492(f)).</td> </tr> <tr> <td colspan="6"> <p>a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-3723</u> in the amount of <u>\$300.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-3723</u>. A duplicate copy of this sheet is enclosed</p> </td> </tr> <tr> <td colspan="6">NOTE: Where an appropriate time limit under 37 CFR § 1.495 has not been met, a petition to revive (37 CFR § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</td> </tr> <tr> <td colspan="6">Signature <u>Lance Vietzke</u></td> </tr> <tr> <td colspan="3">Name: LANCE L. VIETZKE</td> <td colspan="3">Registration Number: 36,708</td> </tr> <tr> <td colspan="6">Address: Office of Intellectual Property Counsel 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427</td> </tr> </tbody></table>						SHEET CALCULATION	NUMBER FILED		EXTRA	RATE	Fees	Size Fee for each add'l 50 sheets of appln. over 100	16	-100	0	\$250.00	\$0.00	Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR § 1.492(e)).					\$0.00	CLAIMS	NUMBER FILED		EXTRA	RATE	Fees	Total claims	6	- 20 =	0	x \$50.00	\$0.00	Independent claims	1	- 3 =	0	x \$200.00	\$0.00	Add'l fee for one or more multiple dependent claims					\$360.00	Total Amount Due					\$0.00	\$300.00	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR § 1.27. The fees indicated above are reduced by 1/2.						SUBTOTAL =					\$0.00	\$300.00	Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR § 1.492(f)).						<p>a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-3723</u> in the amount of <u>\$300.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-3723</u>. A duplicate copy of this sheet is enclosed</p>						NOTE: Where an appropriate time limit under 37 CFR § 1.495 has not been met, a petition to revive (37 CFR § 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						Signature <u>Lance Vietzke</u>						Name: LANCE L. VIETZKE			Registration Number: 36,708			Address: Office of Intellectual Property Counsel 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427					
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